

Eastern University, Sri Lanka
Faculty of Science

First Year First Semester Examination in Science 2016/2017 (Aug./Sep. 2018)
BT 1032, Basic Microbiology

Time: 1 hour

Answer all the questions

- (1) (a) Define the term "Microorganisms" **(05 marks)**
- (b) Explain briefly why the bacteria is classified as a "Prokaryotic Microorganism" **(15 marks)**
- (c) Discuss briefly on the "Exponential growth" of a bacterial cell **(20 marks)**
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- (2) (a) What is a "Culture Media"? **(10 marks)**
- (b) List out the "Isolation methods", used to isolate the bacteria at the laboratory conditions **(15 marks)**
- (c) Explain briefly the methods and techniques that you consider to minimise/avoid the contaminations during the isolation of microorganisms, at the laboratory conditions **(35 marks)**